



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

Docket No.: PF-0475-2 DIV

Inventors: Lal et al.

Title: HUMAN SHORT-CHAIN DEHYDROGENASE

Serial No.: To Be Assigned

FIGURE 1B

387	GTG	GTG	TGC	GAT	TCA	AGC	CAG	GAG	AGT	GAA	GTG	CGA	ACG	CTG	TTT	GAG	CAA	GTG	432
	V	C	D	S	S	Q	E	S	E	V	R	T	L	F	E	Q	V		
441	GAT	CGG	GAA	CAG	CAA	GGG	CGT	CTA	GAT	GTG	CTG	GTC	AAC	AAT	GCT	TAT	GCA	GGG	486
	D	R	E	Q	Q	G	R	L	D	V	L	V	N	N	A	Y	A	G	
495	GTC	CAG	ACG	ATC	CTG	AAC	ACC	AGG	AAT	AAG	GCA	TTC	TGG	GAA	ACC	CCT	GCC	TCC	540
	V	Q	T	I	L	N	T	R	N	K	A	F	W	E	T	P	A	S	
549	ATG	TGG	GAT	GAT	ATC	AAC	AAC	GTC	GGA	CTC	AGA	GGC	CAC	TAC	TTT	TGC	TCA	GTG	594
	M	W	D	D	I	N	N	V	G	L	R	G	H	Y	F	C	S	V	
603	TAT	GGG	GCA	CGG	CTG	ATG	GTA	CCA	GCT	GGC	CAG	GGG	CTC	ATC	GTG	GTC	ATC	TCC	648
	Y	G	A	R	L	M	V	P	A	G	Q	G	L	I	V	V	I	S	
657	TCC	CCA	GGA	AGC	CTG	CAG	TAT	ATG	TTC	AAT	GTC	CCC	TAT	GGT	GTG	GGC	AAA	GCT	702
	S	P	G	S	L	Q	Y	M	F	N	V	P	Y	G	V	G	K	A	

Figure 1B

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FOH02F 02F00001

711	720	738	747	756
GCG TGT GAC AAG CTG GCT GAC TGT GCC CAC GAG CTG CGG CGC CAT GGG GTC				
A C D K L A A D C A H E L R R H G V				
765	774	783	801	810
AGC TGT GTG TCT CTG TGG TGG CCG GGG ATT GTG CAG ACA GAA CTG CTG AAG GAG CAT				
S C V S L W P G I V Q T E L L K E H				
819	828	837	846	855
ATG GCA AAG GAG GAG GTC CTG CAG GAT CCT GTG TTG AAG CAG TTC AAA TCA GCC				
M A K E E V L Q D P V L K Q F K S A				
873	882	891	900	909
TTC TCA TCT GCA GAA ACC ACA GAA TTG AGT GGC AAA TGT GTG GTG GCT TTG GCA				
F S S A E T T E L S G K C V A L A				
927	936	945	954	963
ACA GAT CCC AAT ATC CTG AGC CTG AGT GGT AAG GTG CTG CCA TCC TGT GAC CTT				
T D P N I L S L S G K V L P S C D L				
981	990	999	1008	1017
GCT CGA CGC TAT GGC CTT CGG GAT GTG GAC GGC CGC CCC GTC CAA GAC TAT TTG				
A R R Y G L R D V D G R P V Q D Y L				

Figure 1C



APPROVED	O.G. FIG.
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100-100000

1	MAAPMNGQVCVVTGASRGIGRGIALQLCKAGATVYITGRH	356351
1	MGVILQDQVALVTGASRGIGRGIALQLGEAGATVYITGR	GI 2315796
41	LDTLRVVAQEAQSLGGQCVPVVCDSSQES	356351
41	PELSDNFRGLPSLDYVAKETISRGGKGIALLYVDHSNMT	GI 2315796
71	VRTLFEQVDRQQGRLLDVLVNNAYAGVQTILLNTRNKAFWE	356351
81	VKFLFEKIKEDEEGKLDILLVNNVYNSLGKATEMIGKTF	GI 2315796
111	TPASMWDDINNVLGRGHYFCSVYGARLMVPPAGQGLIVVIS	356351
121	QDPWFDDINGVGLRNHYCYCSVYAAARMVERRKGLIVNVG	GI 2315796
151	SPGSLQYMFNVPGVGKAAACDKLAADCAHELRRHGVSCVS	356351
161	SLGGLKYVFNVAAGAKELARMSTDMAVELEPNYNCVVT	GI 2315796
191	LWPGIVQTELLKEHMAKEE	356351
201	LIPGPVKTEITANRTIIDDAYKMIKENPELEEF	GI 2315796
228	TTELSGKCVVALATDPPNILLSGKVLPSCDLARRYGLRDV	356351
237	STEYTGKALARLAMDPGKLLKKSGLTFTEDLAQKYDFS	GI 2315796
268	DGRPV	356351
277	QDYLSLSSVLSHVSGLGWLASYLP SFLRVPKWI	GI 2315796
306	HGAGMEPQNI RSLRTILGTMGKEE - VAKYIPQIKLPKWV	
316	IALYTSKF	356351
	IWQSVNRF	GI 2315796

Figure 2